GENUINE ACCESSORIES

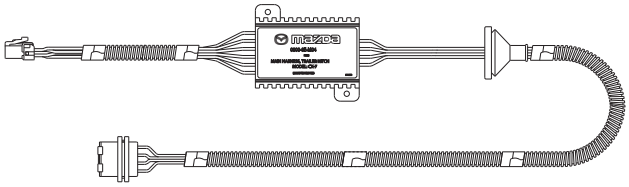
INSTALLATION INSTRUCTIONS

PART NUMBER:
0000-8E-M04 A

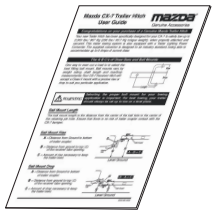
TRAILER HITCH WIRING KIT

APPLICABLE MODELS:
2007 > CX-7

PACKAGE CONTENTS



HARNESS
(QTY 1)

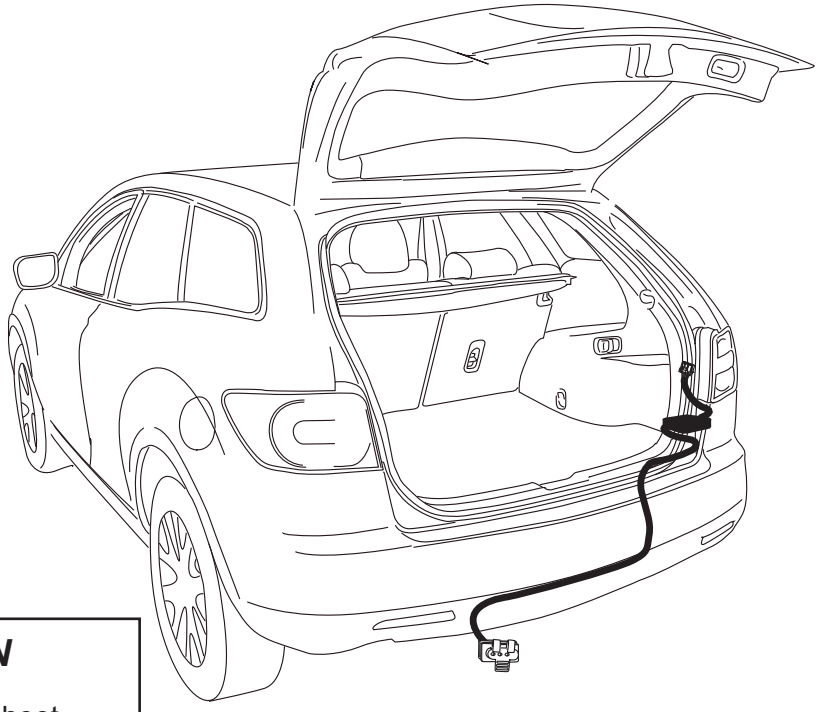


USER GUIDE
(QTY 1)

TIE WRAPS
(QTY 2)

TOOLS REQUIRED

10MM SOCKET WRENCH
TORQUE WRENCH
ELECTRICAL TAPE
PHILLIPS SCREWDRIVER
PLASTIC PANEL REMOVAL TOOL
CHINA MARKER



INSTALLATION LAYOUT

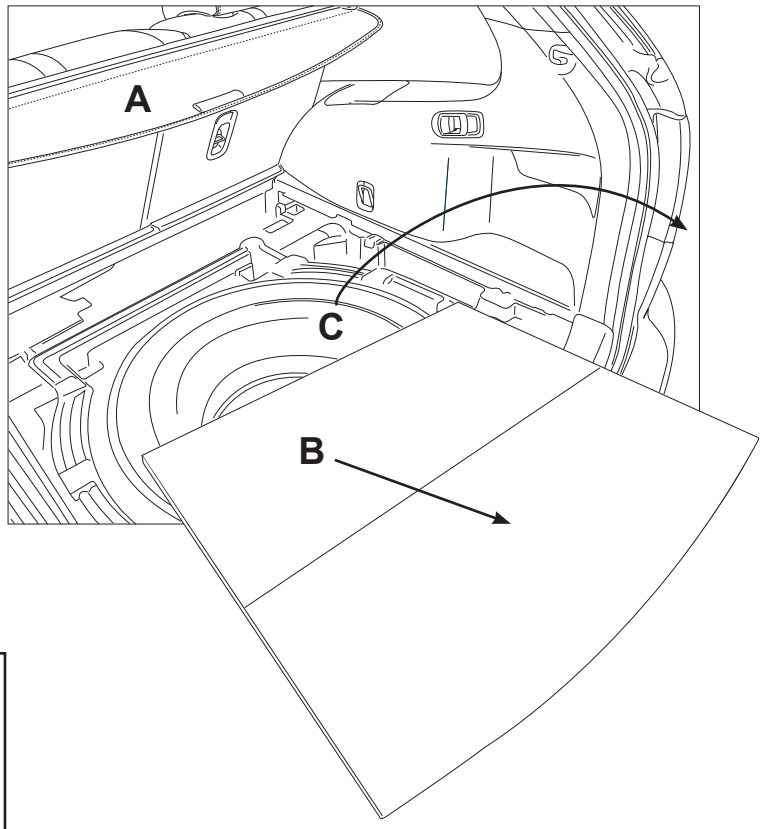
0 *BEFORE INSTALLATION*

1. Read entire installation instruction sheet before beginning.

NOTE: Prior to installation, remove the right (passenger) side wiring harness access panel and locate the trailer wiring harness connector (refer to page 3, Step 8 for connector identification). If not present, jumper harness 0000-8E-M03 must be used along with this kit.

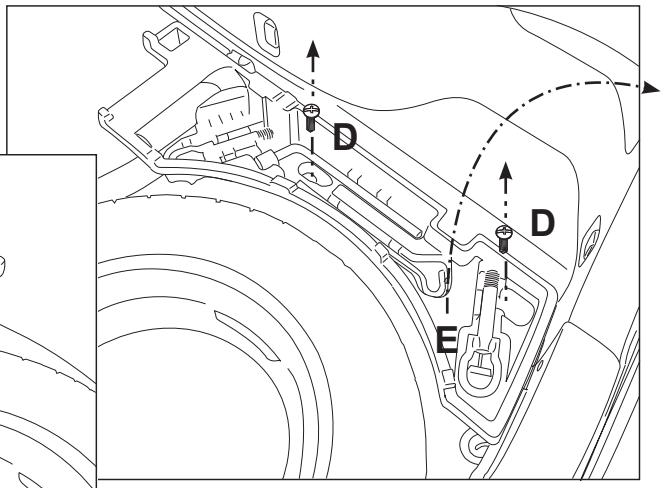
1 *ACCESS SPARE TIRE STORAGE COMPARTMENT*

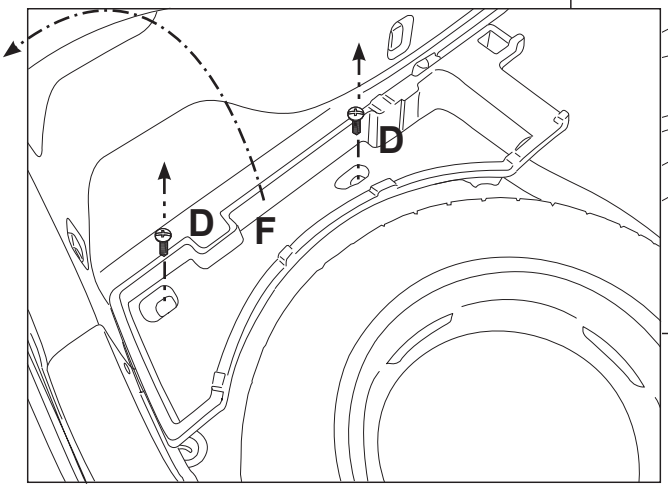
1. Open the rear hatch of the vehicle and retract the cargo cover (A).
2. Lift up and remove the deck panel (B) exposing the spare tire cover (C).
3. Temporarily remove the spare tire cover.



2 *REMOVE TOOL TRAYS*

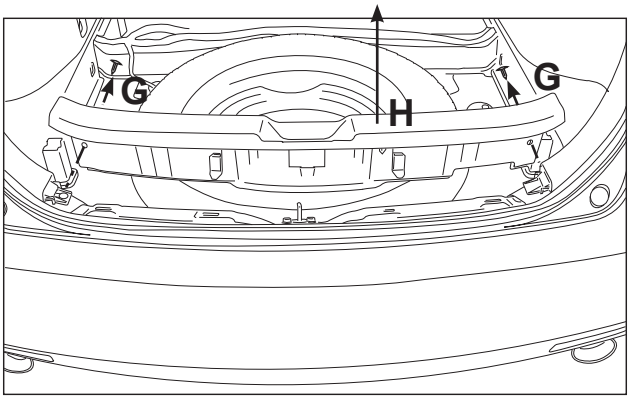
1. Remove the two phillips head screws (D) from the right (passenger) side tool tray (E) located beside the spare tire.
2. Lift out the tool tray and set aside.
3. Remove the left (driver's) side tool tray (F) in the same manner.





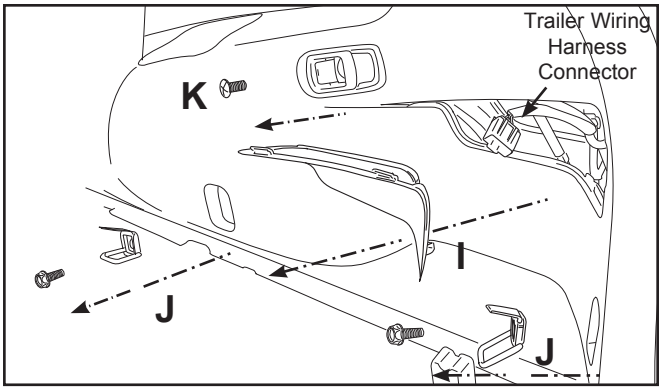
3 *REMOVE THE REAR THRESHOLD PLATE*

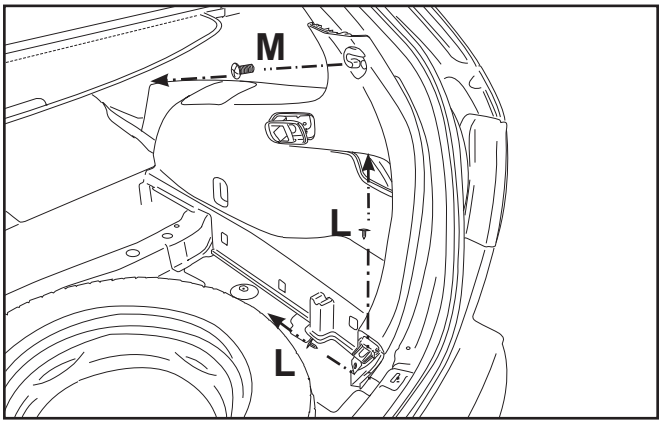
1. Using a plastics removal tool, remove the plastic push nuts (G) located on each side of the threshold plate (H).
2. Firmly pull up on the threshold plate and temporarily remove from vehicle.

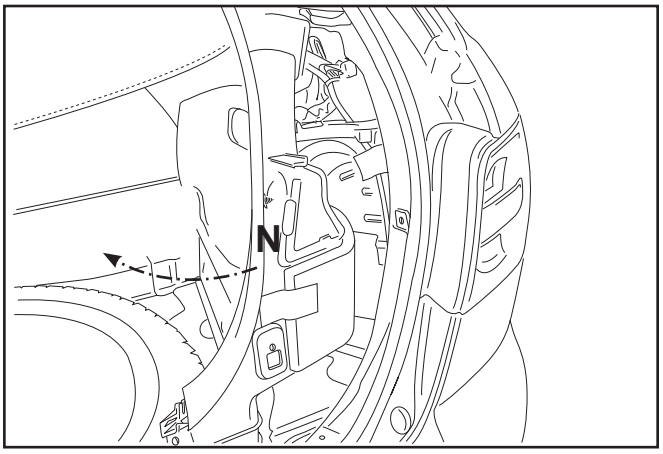


4 *ACCESS WIRE HARNESS BEHIND INTERIOR TRIM*

1. Carefully remove the right (passenger) side wiring harness access panel (I) from the interior trim panel by carefulling pulling outward.
2. Remove the two cargo tie downs (J) from the right side trim panel.
   a. Carefully pry up the trim cover on each tie town.
   b. Remove the bolt securing the tie down to the vehicle using a 10mm socket.
3. Remove the release latch cover mounting screw (K) from the right side trim panel.
   a. Carefully pry out the trim cover on the release handle
   b. Remove the phillips head screw securing the lift handle to the vehicle.
4. Remove the two black push nuts (L) located at the lower inside edge of the interior trim panel.
5. Remove the upper and lower phillips head screws (M) from the right side trim panel.
6. Carefully pull the trim panel (N) back to expose the vehicle wiring harnesses.

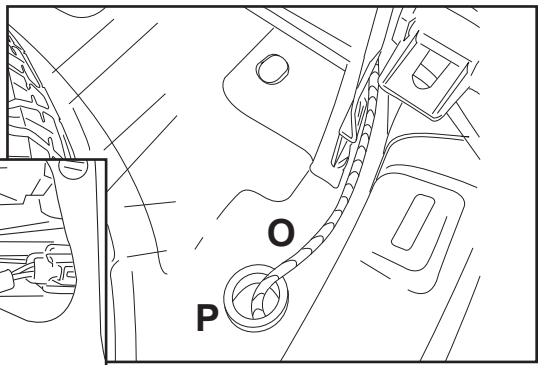


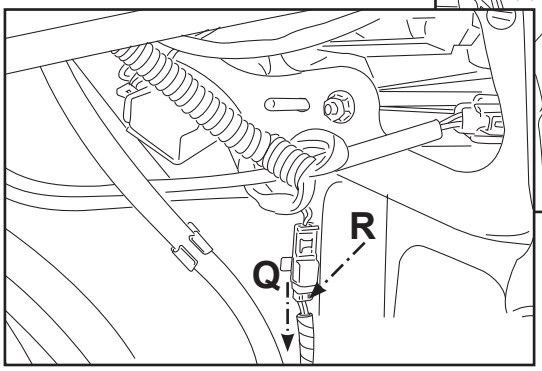




5 *TEMPORARLY DISCONNECT SENSOR WIRE*

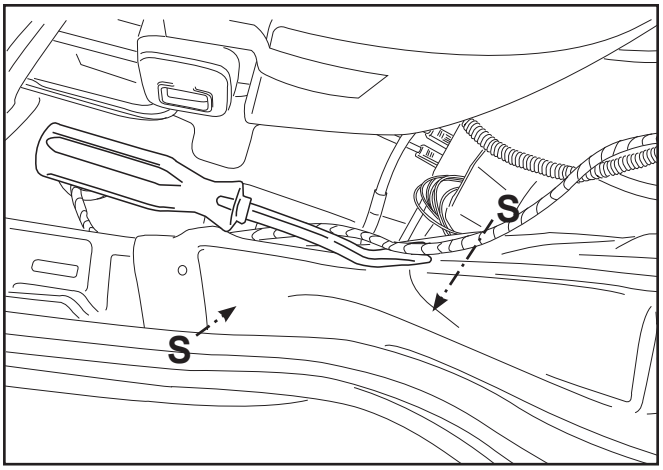
1. Locate the sensor wire connector (Q) by following the wire (O) protruding from the grommet (P) in the vehicle floor to it's location behind the right (passenger) side interior trim panel behind the tail light assembly.
2. Separate the sensor wire connectors (Q) by pressing on the locking tab (R) and pulling apart.





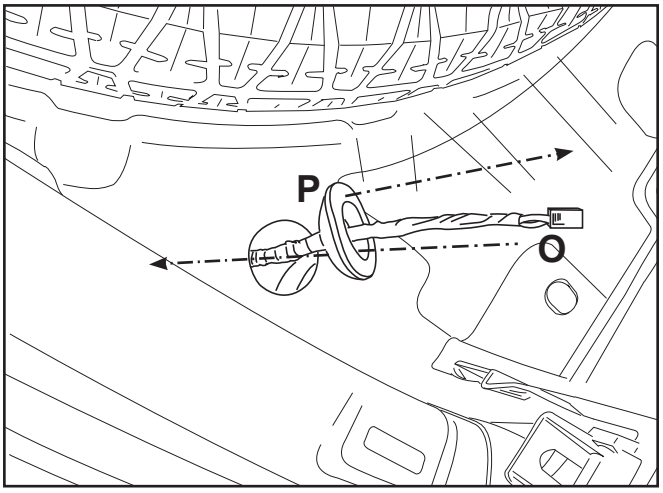
6 *TEMPORARLY DISCONNECT SENSOR WIRE*

1. Remove the two wire mounting clips (S) from the body using a tack plastic panel removal tool and pull the sensor wire out from behind the trim panel.
2. Using a china marker, mark the location of the mounting clips on the sensor wire for later re-installation.
3. Carefully remove the tape securing the mounting clips to the sensor wire. Save the mounting clips for later use.



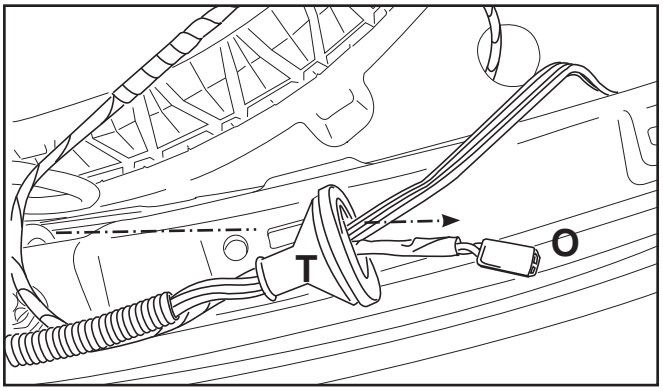
7 *REMOVE GROMMET*

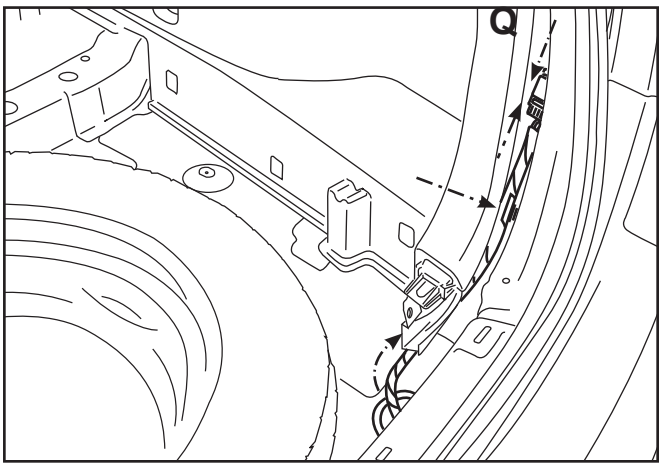
1. Pull up and remove the sensor wire's grommet (P) located in the floor of the vehicle.
2. Using a china marker, mark the location of the grommet on the sensor wire for later re-installation.
3. Remove the grommet from the sensor wire (O) by feeding the wire and its connector down through the grommet opening or by cutting the grommet away from the sensor wire.
   CAUTION: TAKE CARE NOT TO CUT OR DAMAGE THE SENSOR WIRE IF CUTTING THE GROMMET.
4. Discard the original grommet.



8 *REATTACH SENSOR WIRE*

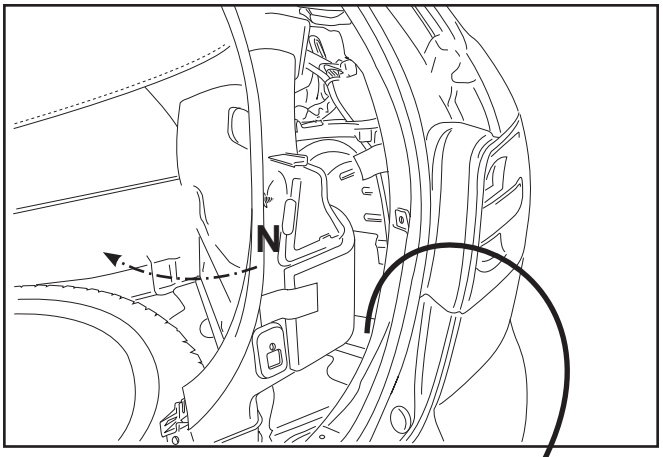
1. Carefully feed the Sensor wire connector (O) through the new grommet located on the Trailer Wiring Harness (T). Be sure to feed from the narrow end of the grommet as illustrated.
2. Pull the sensor wire through the grommet positioning the grommet in the origional location as marked during step 7.2 .
3. Reattach the wire mounting clips to their original positions on the sensor wire (as marked during step 6.2) using electrical tape.
4. Route the sensor wire behind the passenger side trim panel in the same manner as when removed and reattach the mounting clips to the vehicle securing the sensor wire into its original position.
5. Reconnect the sensor wire connector to its mating connector by pressing firmly together until the locking tab engages.

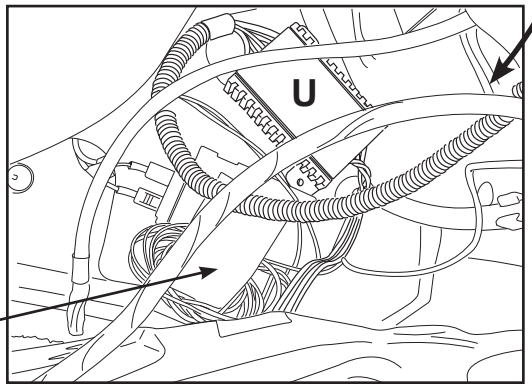




9 *CONNECT THE TRAILER HITCH WIRING HARNESS*

1. Secure the trailer hitch wiring harness's black box (U) to the floor of the vehicle behind the right side trim panel (N) by removing the backing liner on the foam tape and pressing firmly down onto the floor in the illustrated position.
   NOTE: PRIOR TO PERMINANTALLY MOUNTING, ENSURE THAT THERE IS ADEQUATE CLEARANCE BETWEEN THE BLACK BOX AND THE TOP OF THE INTERIOR TRIM PANEL.

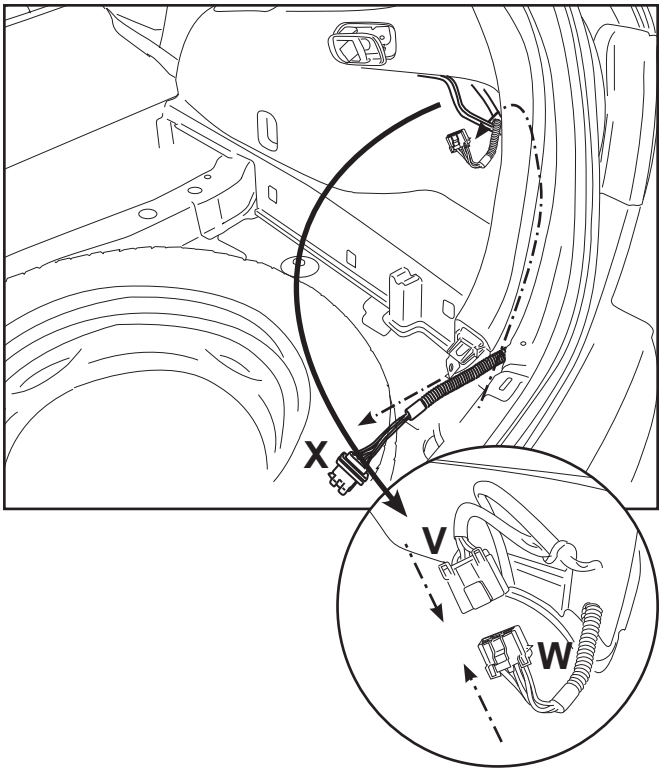




Satellite Receiver Module (If Equipped)

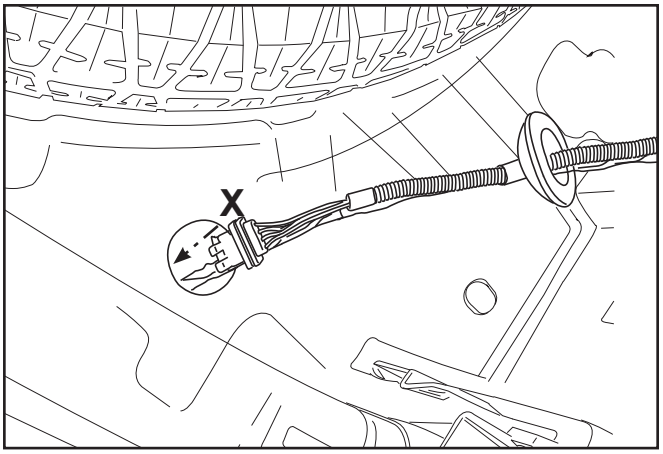
10 *CONNECT THE TRAILER HITCH WIRING HARNESS*

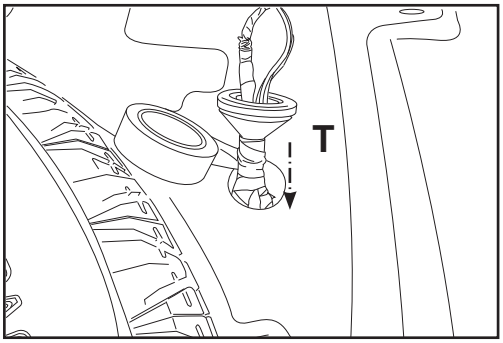
1. Locate the vehicle's white trailer wiring harness connector (V) behind the passenger side trim panel.
2. Route the trailer hitch wiring harness behind the trim panel and insert its mating connector (W) into the vehicle connector (V).
4. Route the trailer connector (X) out from behind the trim panel.

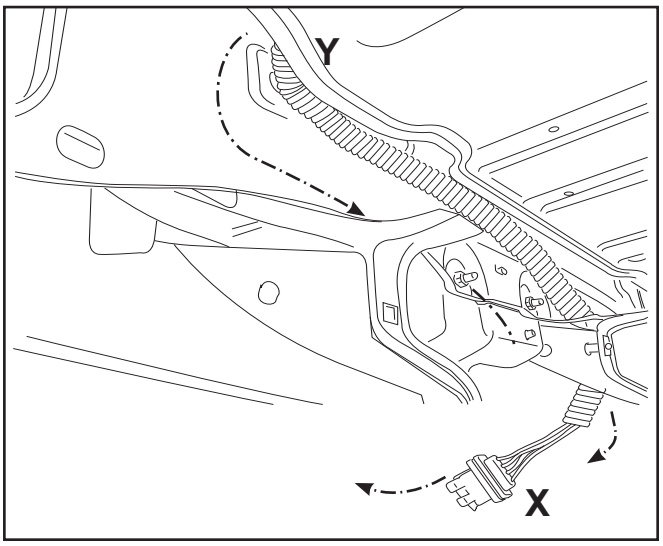


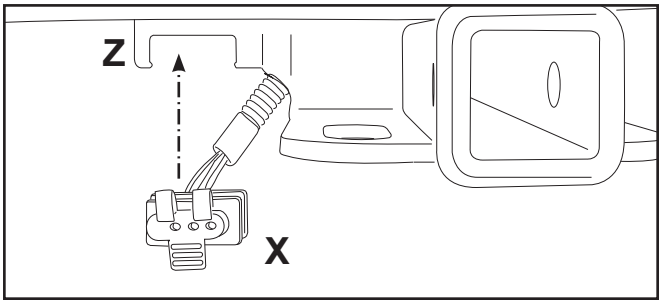
11 *ROUTE TRAILER CONNECTOR BELOW VEHICLE*

1. Route the trailer hitch wiring harness's 4-flat trailer connector (X) through the grommet opening to the under side of the vehicle. **CAUTION: THE HEAT SHIELD BELOW THE VEHICLE IS SHARP AND CAN CUT OR DAMAGE THE TRAILER HARNESS.**
2. Secure the grommet (T) to the wiring harness using electrical tape.
3. Push the grommet into the hole until it seats completely.
4. Route the 4-Flat trailer connector (X) out from behind the heat shield (Y) and toward the left side of the vehicle. Position the 4-Flat connector into the bracket on the trailer hitch (Z).
5. Tuck any excess harness length up above the heat sheld and secure the harness into place below the vehicle by fastening to the bumper brackets using cable ties.



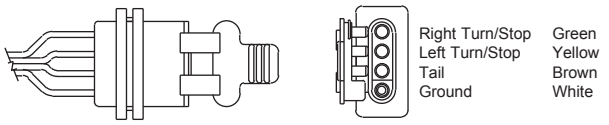






12 *CONFIRM CORRECT OPERATION*

1. Ensure all connections are complete.
2. Use a voltage meter or 12v test light to check the voltage output for each signal function
   a. Attach the ground lead to the male trailer connector pin.
   b. Individually verify 12v+ volts for each the tail light circuit, right turn/brake and left turn/brake by activating each function on the vehicle individually and checking the appropriate terminal on the trailer connector.



13 *REINSTALL ALL TRIM, TIEDOWNS AND INTERIOR PANELS*

1. Reinstall all trim in the reverse order of removal, ensuring all fasteners are properly installed.
   Note:Torque tie down mounting bolts to 5 ft. lbs. using a 10mm socket.
   CAUTION: MALKE SURE RUBBER DOOR SEAL IS PLACED OVER THE <u>TOP</u> OF THE SIDE TRIM PANELS & THRESHOLD TRIM.
2. Clean Vehicle.
3. Place the User Guide into the vehicle glove box.

TROUBLESHOOTING GUIDE

PART NUMBER:
0000-8E-M04 A

TRAILER HITCH WIRING KIT

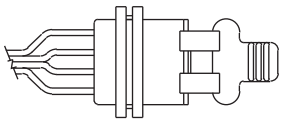
APPLICABLE MODELS:
2007 > CX-7

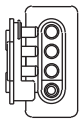
TOOLS REQUIRED

TEST LIGHT

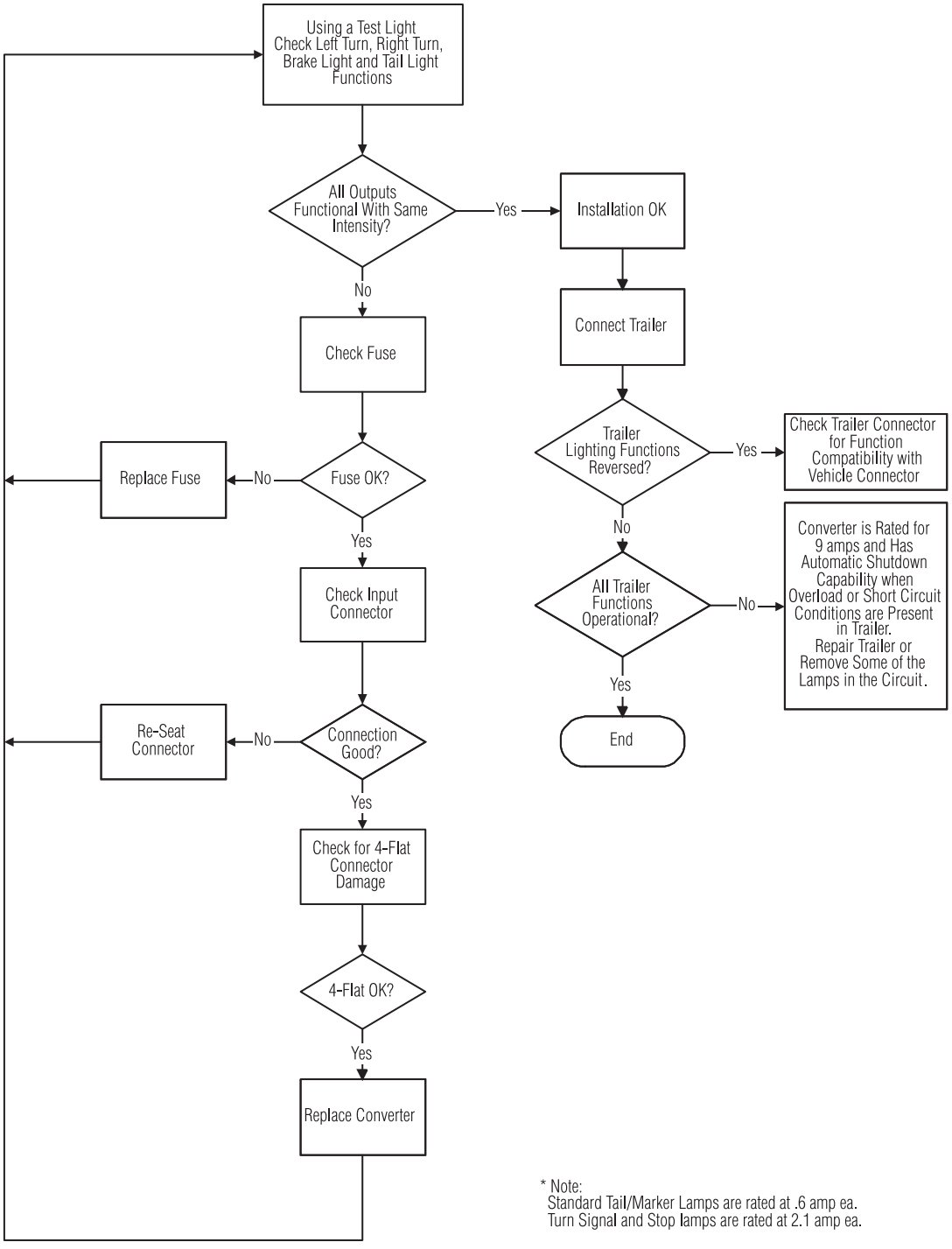
METHOD

1. Attach the test light ground connection to the male pin of the harness's 4-flat connector.
2. Probe each of the female pins individually to confirm correct circuit operation.





Right Turn/Stop	Green
Left Turn/Stop	Yellow
Tail	Brown
Ground	White



* Note:
Standard Tail/Marker Lamps are rated at .6 amp ea.
Turn Signal and Stop lamps are rated at 2.1 amp ea.